



DEPARTMENT OF COMMERCE

National Institute of Standards and Technology

Proposed Information Collection; Comment Request; Building for Environmental and Economic Sustainability (BEES) Please

AGENCY: National Institute of Standards and Technology (NIST).

ACTION: Notice.

SUMMARY: The Department of Commerce, as part of its continuing effort to reduce paperwork and respondent burden, invites the general public and other Federal agencies to take this opportunity to comment on proposed and/or continuing information collections, as required by the Paperwork Reduction Act of 1995.

DATES: Written comments must be submitted on or before [Insert date 60 days after date of publication in the FEDERAL REGISTER].

ADDRESSES: Direct all written comments to Jennifer Jessup, Departmental Paperwork Clearance Officer, Department of Commerce, Room 6616, 14th and Constitution Avenue, NW, Washington, DC 20230 (or via the Internet at jjessup@doc.gov).

FOR FURTHER INFORMATION CONTACT: Requests for additional information or copies of the information collection instrument and instructions should be directed to Joshua D. Kneifel, (301) 975-6857 or at joshua.kneifel@nist.gov

SUPPLEMENTARY INFORMATION:

I. Abstract

Over the last 19 years, the Engineering Laboratory of the National Institute of Standards and Technology (NIST) has developed and automated an approach for measuring the life-cycle environmental and economic performance of building products. Known as BEES (Building for Environmental and Economic Sustainability), the tool reduces complex, science-based technical content (e.g., over 500 material and energy flows from raw material extraction through product disposal) to decision-enabling results and delivers them in a visually intuitive graphical format. BEES Please is a voluntary program to collect data from product manufacturers so that the environmental performance of their products may be evaluated scientifically using BEES. NIST will publish in BEES Online (<http://ws680.nist.gov/bees>) an aggregated version of the data collected from manufacturers that protects data confidentiality, subject to manufacturer's review and approval. BEES measures environmental performance using the environmental life-cycle assessment approach specified in the International Organization for Standardization (ISO) 14040 series of standards. All stages in the life of a product are analyzed: Raw material acquisition, manufacture, transportation, installation, use, and recycling and waste management. Economic performance is measured using the ASTM International standard life-cycle cost method (E 917), which covers the costs of initial investment, replacement, operation, maintenance and repair, and disposal.

II. Method of Collection

Data on materials use, energy consumption, waste, and environmental releases will be collected using an electronic, MS Excel-based questionnaire. An electronic, MS Word-based User Manual accompanies the questionnaire to help in its completion.

III. Data

OMB Control Number: 0693-0036.

Form Number: None.

Type of Review: Regular submission (extension of a current information collection).

Affected Public: Business or other for-profit organizations.

Estimated Number of Respondents: 30.

Estimated Time Per Response: 62 hours and 30 minutes.

Estimated Total Annual Burden Hours: 1,875.

Estimated Total Annual Cost to Public: \$0

IV. Request for Comments

Comments are invited on: (a) whether the proposed collection of information is necessary for the proper performance of the functions of the agency, including whether the information shall have practical utility; (b) the accuracy of the agency's estimate of the burden (including hours and cost) of the proposed collection of information; (c) ways to enhance the quality, utility, and clarity of the information to be collected; and (d) ways to minimize the burden of the collection of information on respondents, including through the use of automated collection techniques or other forms of information technology.

Comments submitted in response to this notice will be summarized and/or included in the request for OMB approval of this information collection; they also will become a matter of public record.

Dated: December 18, 2013

Gwellnar Banks,

Management Analyst, Office of the Chief Information Officer.

Billing Code: 3510-13-P

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